PHILOSOPHY TRIPOS     Part IB

Monday 24 May 2010        09.00 to 12.00

Paper 2
LOGIC

Answer three questions only.

Write the number of the question at the beginning of each answer. If you are answering an either/or question, indicate the letter as well.

STATIONERY REQUIREMENTS
20 Page Answer Book x 1
Rough Work Pad

You may not start to read the questions printed on the subsequent pages of this question paper until instructed that you may do so by the Invigilator
In what sense, if any, is meaning compositional? Why does it matter?

Could we all be wrong about what a word means? If not, why not?

What problems does Frege's account of quantification try to solve? Does it succeed?

'Logical form is a philosophical myth.' Discuss.

Can the meaning of a name be explained purely in terms of the object it refers to?

Either (a) Is Hesperus necessarily identical to Phosphorus?

Or (b) 'Kripke's theory says that a name refers to the object which stands at the beginning of a certain causal chain. So it is really just a description theory.' Discuss.

Could there be an empty world?

Either (a) How does the idea of possible worlds with accessibility relations between them help us to understand the differences between the modal logics T, S4 and S5?

Or (b) Is there a notion of possibility that is captured by the modal logic S4?

Can the dispute between classical and intuitionistic logician be settled? If so, how?

Is there anything wrong with implicit definition?